

**DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION**  
**(FOR INTEL CORPORATION PATENT APPLICATIONS)**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first, and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled

**MECHANISM TO AVOID EXPLICIT PROLOGS IN SOFTWARE-PIPELINED LOOPS**

the specification of which

  X   is attached hereto.  
       was filed on \_\_\_\_\_ as  
 United States Application Number \_\_\_\_\_  
 or PCT International Application Number \_\_\_\_\_  
 and was amended on \_\_\_\_\_  
 (if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred to above.

I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d), of any foreign applications for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

			<u>Priority Claimed</u>	
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No

I hereby claim the benefit under title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below

(Application Number)	Filing Date
(Application Number)	Filing Date

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Number)	Filing Date	(Status—patented, pending, abandoned)
----------------------	-------------	--

I hereby appoint Aloysius T. C. AuYeung, Reg. No. 3S,432; William Thomas Babbitt, Reg. No. 39,591; Jordan Michael Becker, Reg. No. 39,602; Bradley J. Bereznak, Reg. No. 33,474; Michael A. Bernadicou, Reg. No. 35,934; Kent M. Chen, Reg. No. 39,630; Lawrence M. Cho, Reg. No. 39,942; Thomas M. Coester, Reg. No. P39,637; Roland B. Cortes, Reg. No. 39,152; Daniel M De Vos, Reg. No. 37,813; David R. Halvorson, Reg. No. 33,395; Eric Ho, Reg. No. P39,711; Eric S. Hyman, Reg. No. 30,139; Dag H. Johansen, Reg. No. 36,172; Stephen L. King, Reg. No. 19,180; Dolly M. Lee, Reg. No. 39,742; Kimberley G. Nobles, Reg. No. 38,255; James H Salter, Reg. No. 35,668; William W. Schaal, Reg. No. 39,018; Maria McCormack Sobrino, Reg. No. 31,639; Steven R. Sponseller, Reg. No. 39,384; Edwin H. Taylor, Reg. No. 25,129; Lester J. Vincent, Reg. No. 31,460; Ben J. Yorks, Reg. No. 33,609; Charles E. Shemwell, Reg. No. 40,171; and Judith A. Szepesi, Reg. No. 39,393; of BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN, with offices located at 12400 Wilshire Boulevard, 7th Floor, Los Angeles, California 90025, telephone (310) 207-3800, and Joseph R. Bond, Reg. No. 36,458; Richard C. Calderwood, Reg. No. 35,468; James E. Jacobson, Jr., Reg. No. 31,626; Leo V. Novakoski, Reg. No. 37,198; Naomi Obinata, Reg. No. 39,320; Thomas C. Reynolds, Reg. No. 32,488; and Raymond J. Werner, Reg. No. 34,752 of INTEL CORPORATION with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

Send correspondence to Leo V. Novakoski, c/o BLAKELY, SOKOLOFF, TAYLOR  
(Name of Attorney or Agent)

& ZAFMAN, 12400 Wilshire Boulevard, 7<sup>th</sup> Floor, Los Angeles, California 90025 and direct  
telephone calls to Leo V. Novakoski, (408) 765-5334.  
(Name of Attorney or Agent)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of First/Sole Inventor David A Helder

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence 681 Marylane Drive, Holland, Michigan 49423      Citizenship United States  
(City, State) (Country)

Post Office Address Same as above

Full Name of Second/Joint Inventor Kalyan Muthukumar

Inventor's Signature K Muthukumar      Date 12 | 29 | 2000

Residence 20219 Camarda Court, Cupertino, CA 95014      Citizenship United States  
(City, State) (Country)

Post Office Address Same as above